p1105: Factoring when $a =$ prime (v41)

1. Factor the expression $3x^2 + 7x + 2$

$$(3x + 1)(x + 2)$$

2. Factor the expression $5x^2 - 29x + 20$

$$(5x - 4)(x - 5)$$

3. Factor the expression $7x^2 + 13x - 2$

$$(7x - 1)(x + 2)$$

4. Factor the expression $5x^2 - 37x + 14$

$$(5x - 2)(x - 7)$$

5. Factor the expression $7x^2 - 6x - 1$

$$(7x + 1)(x - 1)$$

6. Factor the expression $5x^2 + 21x - 54$

$$(5x - 9)(x + 6)$$

7. Factor the expression $5x^2 - 19x + 12$

$$(5x - 4)(x - 3)$$

8. Factor the expression $11x^2 - 52x + 32$

$$(11x - 8)(x - 4)$$

9. Factor the expression $7x^2 + 16x + 9$

$$(7x + 9)(x + 1)$$

10. Factor the expression $11x^2 + 96x - 27$

$$(11x - 3)(x + 9)$$